

Title: Recombinant Proteolytic Tryptases, ctive Site Mutants Thereof, and Methods of aking Same Applicant: MAFITT et al. Serial No: 09/598,982 Atty. Docket No.: 34506.104

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(30) (30) (30)	(06)	(150)	(210)	
Tryptase α MLSLLLLALP VLASRAYAAP APVQALQQAG IVGGQEAPRS KWPWQVSLRV RDRYWMHFCG Tryptase β-IN HGP Tryptase β-IIN HGP Tryptase β-IIN HGP	Tryptase α GSLIHPQWVL TAAHCLGPDV KDLATLRVQL REQHLYYQDQ LLPVSRIIVH PQFYIIQTGA Tryptase β -I	Tryptase α Dialleleep unissruhtu mlppasetfp pgmpcwutgw gdudndeplp ppfplkquku Tryptase $\beta\text{-II}$	Tryptase α PIMENHICDA KYHLGAYTGD DVRIIRDDML CAGNSQRDSC KGDSGGPLVC KVNGTWLQAG Tryptase β-II	Tryptase α

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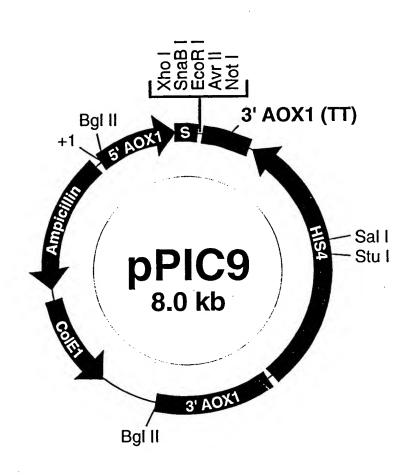


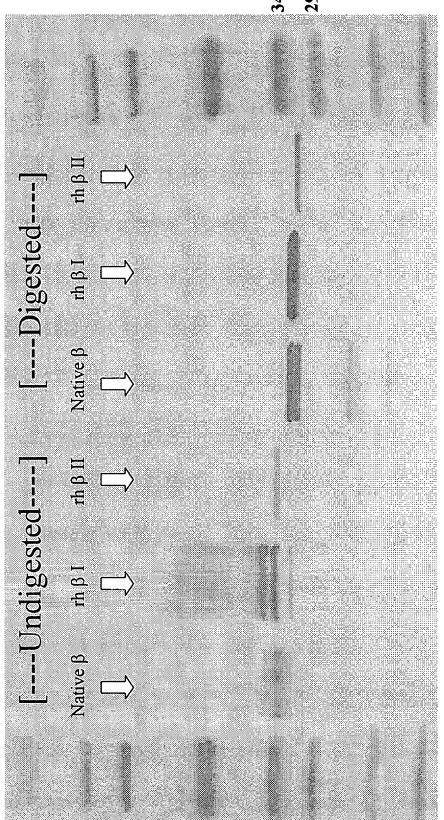
FIG. 2



Title: Rec mbinant Proteolytic Tryptases, Active Site Mutants Thereof, and Methods of

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29 kD 34 kD





Title: Rec mbinant Proteolytic Tryptases Active Site Mutants Thereof, and Methods Making Same

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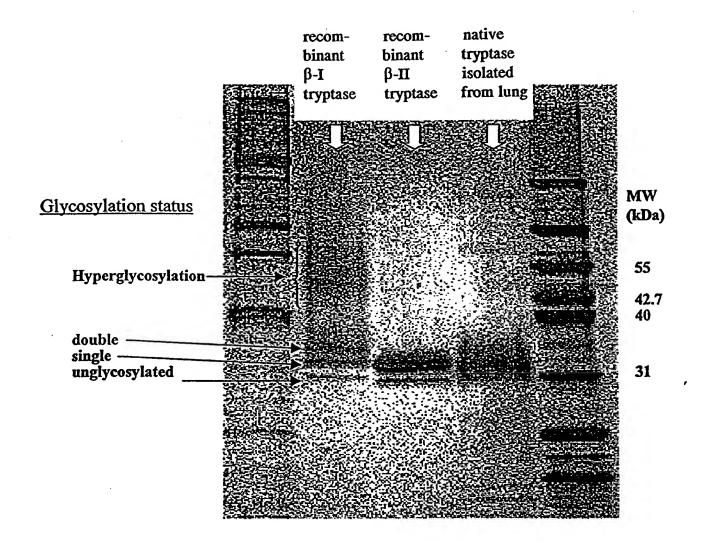


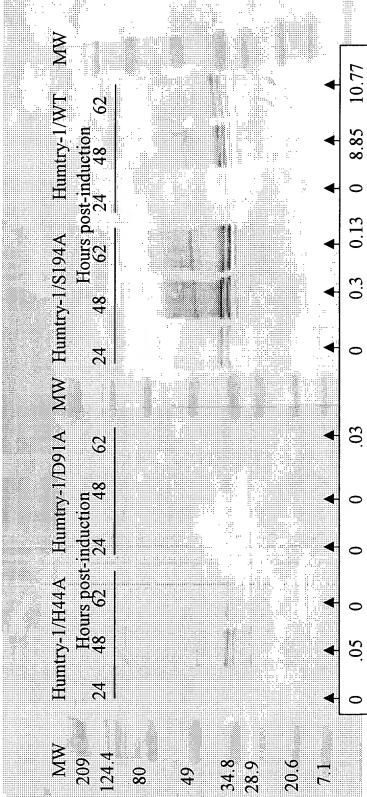
FIG. 4



FIG. 5

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Making Same
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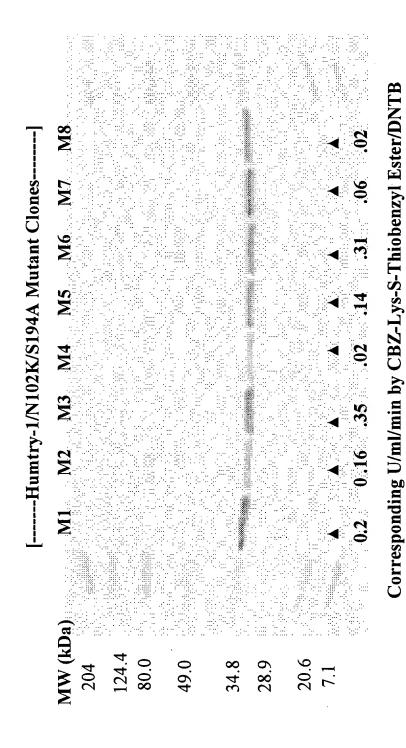


Corresponding Units/ml/min by CBZ-Lys-S-Thiobenzyl Ester/DNTB Coupled Cleavage Assay



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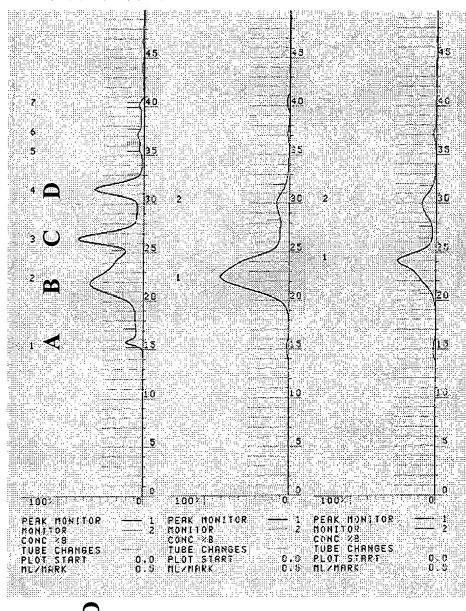
Coupled cleavage Assay



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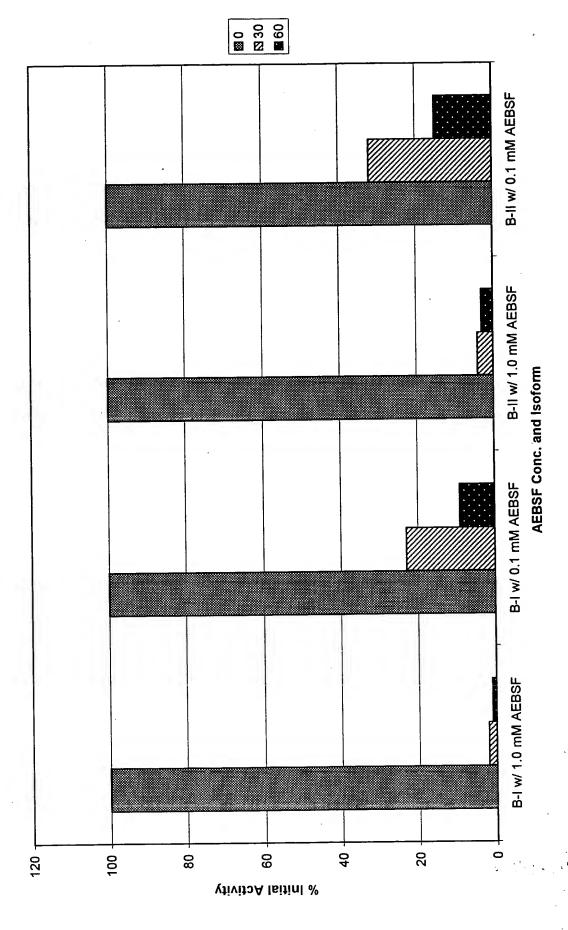
trypsinogen C. Albumin B. Aldolase A. Ferritin D. Chymo-



rhβI

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55.0 42.7 97.4 37°C R BII tryptase -20°C **ENZYMATIC TREATMENT** $R \beta I$ tryptase -20°C 37°C Native β No Enzyme -20°C Incubation stinudus S ⇔ ≻

Fibrinogen

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